

From: [Flores, Raymond](#)
To: [Hayes, Mark](#); [Cobb, Derrick](#); [Perez, Myra](#)
Cc: [Turner, Philip](#); [Coltrain, Katrina](#); [Patrick.Bond@WestonSolutions.com](#); [Buster, Patrick](#); [Bercher, Corey](#)
Subject: Re: Wilcox Sieving
Date: Tuesday, May 26, 2015 5:58:21 PM

If the samples have not been shipped we would have to cancel the scheduled analyses for those samples and get the analyses done thru an MA. We would need some details about what size sieve you would want used as well as the analyses you would want on the sieved samples. (same analysis as before?) It would take some time to do this depending on when you got the information to us. I would guess that the cost would be just slightly more than what we have allotted for presently so we would have to calculate the shortfall and make sure funds are available. The Houston lab is closed presently due to flooding but should be open tomorrow. Myra and I can start to investigate this tomorrow. Yes, the six month hold time for metals allows for this to be done.

From: Hayes, Mark
Sent: Tuesday, May 26, 2015 4:17 PM
To: Cobb, Derrick; Perez, Myra; Flores, Raymond
Cc: Turner, Philip; Coltrain, Katrina; Patrick.Bond@WestonSolutions.com; Buster, Patrick; Bercher, Corey
Subject: Re: Wilcox Sieving

Myra/Ray,

Does the lab have capabilities to sieve any Wilcox samples? Please see correspondence below.

Sent from my iPhone

On May 26, 2015, at 4:09 PM, "Cobb, Derrick" <Derrick.Cobb@WestonSolutions.com> wrote:

The hold time is 6 months. An option would be to talk with Myra Perez and Ray Flores about a modified analysis to see if the laboratory had the capabilities to perform the sieving prior to analysis.

Derrick Cobb
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From: Hayes, Mark [<mailto:hayes.mark@epa.gov>]
Sent: Tuesday, May 26, 2015 3:57 PM
To: Turner, Philip
Cc: Cobb, Derrick; Coltrain, Katrina; Bond, Patrick; Buster, Patrick; Bercher, Corey
Subject: Re: Wilcox Sieving

Phil,

I believe 6 mo is right. We have around 120 samples to sieve. Less than 5% of the 120 were sieved, give or take (Derrick correct?) The process has been pretty slow, even while allowing to dry. The extra time could add on additional START cost. How critical is it to have all of the 120 samples sieved? Recommending to scale back the number to be sieved. Your thoughts?

Sent from my iPhone

On May 26, 2015, at 3:35 PM, "Turner, Philip" <Turner.Philip@epa.gov> wrote:

Are the samples wet or dry? It might work best if they are dried. We have a 6-month holding period, right?

Katrina is on leave this week.

Phil

From: Hayes, Mark
Sent: Monday, May 25, 2015 10:47 AM
To: Cobb, Derrick
Cc: Coltrain, Katrina; Turner, Philip; Patrick.Bond@WestonSolutions.com; Buster, Patrick; Bercher, Corey
Subject: Re: Wilcox Sieving

Try the 2mm.

Katrina,

Your thoughts?

Sent from my iPhone

On May 25, 2015, at 9:20 AM, "Cobb, Derrick" <Derrick.Cobb@WestonSolutions.com> wrote:

Mark,
I have tried to sieve several of our samples and can't get any dirt to go through. The 250 micrometer sieve is extremely fine. I still have the 2 millimeter sieve. Please advise.
Thanks.

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From: Coltrain, Katrina [<mailto:coltrain.katrina@epa.gov>]
Sent: Friday, May 15, 2015 1:19 PM
To: Hayes, Mark; Turner, Philip
Cc: Cobb, Derrick
Subject: Wilcox Sieving

Mark/Derrick, I have noted in the attached email that my use of **2mm** is **incorrect**. We need to change the sieve size. Samples need to be sieved to obtain soil particles **less than 250 micrometer (µm) in diameter** prior to chemical analysis.

Please let me know if changing the size is a problem.

Katrina Higgins-Coltrain
Remedial Project Manager
US EPA Region 6
LA/OK/NM Section
1445 Ross Avenue
Dallas, Texas 75202
214-665-8143

From: Hayes, Mark
Sent: Friday, May 01, 2015 3:23 PM
To: Warren, Christy
Cc: Cobb, Derrick; Coltrain, Katrina; Downham, Todd; Criner,

Jeffrey J.

Subject: RE: Wilcox QASP

Christy,

Weston will be conducting the sieving in the field. Derrick, Katrina has requested that you use a sieve size of 2 mm. Also, ISM01.3 is the preferred method using ICP-MS for metals analyses. CRQLs can be used for all other analyses.

Thanks

From: Warren, Christy

Sent: Friday, May 01, 2015 1:11 PM

To: Hayes, Mark

Cc: Cobb, Derrick; Coltrain, Katrina

Subject: RE: Wilcox QASP

Who is doing the sieving?

If it is being done in the field – I don't need to know – but you may need to verify your sample counts.

If you are wanting the lab to do – yes need to know and it needs to be separated on the request form. I don't know if the lab can do the sieving – I would need to know what size sieve is required and do some checking.

Most likely with the high number of samples being collected and me just now getting the "official" request with all specifics – potentially all or some of the samples will need to be scheduled through the CLP Program. I do not believe that sieving is included in the routine SOW – it is possible that they may be able to get a modified analysis for sieving – however I do not believe there is enough time to get that done and have labs assigned by May 11th.

I have talked with Derrick and requested that section 5a of the form be completed with the contaminants of concern and the required reporting limits for the project.

Christy Warren
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Sample Control Center
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From: Hayes, Mark
Sent: Friday, May 01, 2015 10:33 AM
To: Warren, Christy
Cc: Cobb, Derrick; Coltrain, Katrina
Subject: Re: Wilcox QASP

Christy,

Do we need to specify the number of sieved metals analysis?

Sent from my iPhone

On May 1, 2015, at 9:21 AM, "Coltrain, Katrina"
<coltrain.katrina@epa.gov> wrote:

Mark/Derrick, I was just thinking about the lab form. Did we need to specify how many sieved metals analysis are needed?

The surface soils are for both total and sieved.

Katrina Higgins-Coltrain
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LA/OK/NM Section
1445 Ross Avenue
Dallas, Texas 75202
214-665-8143

From: Coltrain, Katrina

Sent: Monday, April 27, 2015 3:13 PM
To: Hayes, Mark; Downham, Todd
Cc: Cobb, Derrick
Subject: RE: Wilcox QASP

Mark, I have read the provided draft documents and have a few questions. I did not see the information as listed below, included in the document.

1. The document does not describe the process for pushing and logging cores deeper than 2 feet. The grid maps identify the grid locations where this will happen, but the process is not described in the text. In addition, based on our conversations out in the field, the cores will be pushed to 4 feet regardless with the 24-48in core section being logged but not sampled.
2. As part of the deeper push investigation, we discussed a process for stepping-out to try and find the boundary of the waste if encountered at depth. This was not identified in the document.
3. The document does not describe the process for filling the drill holes. During our site visit, we discussed several options for filling holes depending on the depth of the hole. Essentially, the hole would be filled with cuttings from the core, bentonite, and then topped with sand/topsoil to ground surface.
4. The document states that 5-point composite samples will be taken for the analyses. The document does not describe the location for the VOC

sample. I believe we determined that the center-point composite location would be the location for the VOC sample.

5. The SOPs are not included. What SOPs are being referenced in Section 4?

Katrina Higgins-Coltrain
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From: Hayes, Mark
Sent: Monday, April 27, 2015 10:45 AM
To: Coltrain, Katrina; Downham, Todd
Cc: Cobb, Derrick
Subject: Wilcox QASP

Fyi

Mark Hayes
On-Scene Coordinator
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